User Manual

LCD Television

Model No: **325LDF**

323LD

263LD

VIDEOCON

Series 3/5

Welcome

Thank you for purchasing a Videocon LCD Television. Please take time to carefully read this user operating manual paying special attention to the section detailing “Warnings and Safety Precautions”. Being familiar with all of the operational functions of your new TV will greatly improve your viewing enjoyment. Please keep this guide safe for your future reference.

Do not touch any parts inside the TV or make changes to any settings not described in this user guide!

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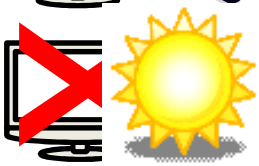
1. Specifications

Screen size(diagonal)	**26”**	**32”**	**FULL HD 32”**
Display Resolution	1366x768	1366x768	1920x1080p
Viewing Angle	160° (H), 150° (V)	178° (H), 178° (V)	178° (H), 178° (V)
Brightness	500 cd/m2 (Typical)	450 cd/m2 (Typical)	450 cd/m2 (Typical)
Display Colours	16.2 Million	16.7 Million	16.7 Million
Response Time	8 msec	6 msec	8 msec
Back Light Life (normal setting)	Approx. 60,000 Hours minimum		
Colour System	PAL / SECAM. BG / I / L / L’ / DK.NTSC (3.58 & 4.43) only for AV inputs		
Channel coverage	VHF – 2 -12		
	UHF 21-69		
	CATV – X ~Z+2, S1~S41		
Nominal input voltage	100-240 V~ 50/60 Hz		
Antenna input Impedance	75 Ohms unbalanced		
Power consumption	135 W	150 W	150 W
Audio output (Rated output	2 X 10 W (+/- 1W) (RMS)		
This receiver supports only free to air channels			
Accessories : Remote handset, User Guide book, Power cord			

THE COMPANY RESERVES THE RIGHT TO BRING TECHNOLOGICAL, AESTHETICAL AND DIMENSIONAL CHANGES, FOR PRODUCT IMPROVEMENT OR FOR MANUFACTURING NEEDS, WITHOUT NOTICE.

2. Warnings and Safety Precautions

Do not remove the rear cover – do not attempt to service the product yourself. Removing covers can expose you to high voltage and other dangerous conditions leading to serious injury or death. Request a qualified agent to perform servicing.



Do not expose TV to direct sunlight or other heat sources – to prevent fire, never place any type of candle or naked flame on the top or near to the TV set. Keep the product away from heat sources such as radiators, heaters, stoves and other heat generating products including amplifiers.

Do not expose to rain or moisture – do not use the product near water, such as a bathtub, washbasin, kitchen sink, laundry tub, swimming pool or in a wet basement.

Do not place vases or any other water filled containers on this product. The water may spill onto the product causing fire or electric shock leading to serious injury or death.

Do not block ventilation openings – adequate ventilation is essential to prevent set failure. The vents and other openings on the cabinet are designed for ventilation. Do not cover or block these vents and openings since insufficient ventilation can cause overheating and/ or shorten the life of the product.

Do not place the TV on a bed, sofa, rug or other similar soft surface since they can block ventilation openings. This product is not designed for built-in installation , do not place the TV in an enclosed place such as a book case or rack, unless proper ventilation is provided . You should leave at least 5cm space around all sides of the TV.

Do not locate the TV on unstable, sloping or uneven surfaces – this can cause the product to fall resulting in serious personal injuries as well as damage to the product.

Do not place the product on an unstable cart, wall mount, stand, tripod or table. When relocating the product placed on a cart, it must be moved with utmost care. Sudden stops, excessive force and uneven floor surfaces can cause the TV to fall causing damage and possible serious injury.

The LCD Panel used in this product is made of glass – therefore, it can break if the unit is dropped or an impact applied. If the LCD panel is broken, be careful not to be injured by broken glass and remove the power lead before touching the unit.

Lifting and carrying the TV requires two people – when moving the TV it should always be carried in both hands, be careful not to apply pressure on the display.

Do not allow anyone to pull, push or climb on the TV – this may cause the product to fall . In particular , ensure children do not hang over or destabilize the TV; doing so may cause the TV to tip over, causing serious injuries or death.

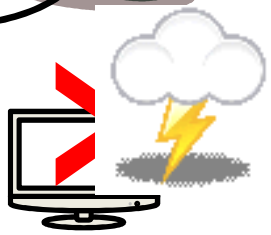
Power lead cautions – Use only the mains lead supplied with the TV. Contact your local dealer for a replacement if required. The TV must be connected to a mains socket having a protected earth connection. The mains socket must be installed by a qualified electrician. If the earthing on the socket is not provided then there is a possibility of electrical shock. Do not connect earthing to water pipes, gas pipes, telephone lines or lightening rods.

Do not place the AC main cord under the TV - or other heavy item, this could lead to fire or electric shock hazard.

Warnings and Safety Precautions

Do not allow anything to rest upon or roll over the power cord – and do not place the TV where the power cord is subject to damage or left trailing in a position that could cause someone to trip leading to injury and/ or damage to the product.

Remove the AC plug from the wall outlet – when the TV is not in use for a prolonged period of time and before going to bed. Ensure that the mains plug is easily accessible at all times. The power switch on this model does not fully disconnect the TV from the mains supply – unplug to fully switch off and save electricity.

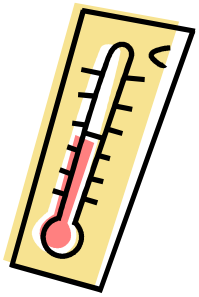


Unplug the TV in the event of a thunderstorm. Both the mains and the aerial should be disconnected under these conditions.

Unplug the TV in case of abnormal operation – smoke, odd sounds or smells.

The TV is designed for operation on a 100 – 240V (50Hz/ 60Hz) AC power source.

Aerial Information – connect the antenna cable from your antennal/ cable socket or the (room/ roof) antenna to the ANT IN terminal on the back of the TV to be able to receive both Digital and Analogue broadcast transmissions. For proper operation/ performance we recommend you use an antenna cable with a ferrite filter at both ends.



Cautions regarding use in high and low temperatures – when the unit is used in low temperature conditions the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.

Do not leave the unit in a hot or cold location – as previously discussed – do not leave in direct sunlight or near a heater as this may cause the cabinet to deform and the LCD panel to malfunction.

NO WARRANTY CLAIMS ARE ACCEPTED FOR DAMAGE CAUSED BY UNSUITABLE USE

This TV product is designed to receive and display video and audio signals and for use as a PC monitor.

ANY OTHER USE IS PROHIBITED_____

Maintenance & Notes

Cleaning – Unplug the AC cord from the AC outlet before cleaning the product. Use a soft, non abrasive cloth to clean the product. Do not use liquid cleaners or aerosol cleaners. If required slightly dampen the cloth with a drop of water – to aid in removing stubborn marks on the cabinet. For the screen we recommend the use of a specialist LCD screen cleaner which can be purchased from your local electrical dealer.

Don't display a still image on the screen for too long a period as this can cause an after image to remain on screen.

Despite the high quality of the television, random disturbances or interference may cause occasional malfunctioning. In this case the correct function of the TV can be restored by switching off the TV using the power button, removing the mains plug, then switching on the unit as soon as the LED light disappears.

3. Initial Setup

Before Starting

Please note the following important points!

1. Two people should lift or carry the TV!
2. Ensure you have plenty of space to work in safely!
3. A screw driver is required to fit the stand!
4. When fitting the stand ensure that the area you lay the TV face down on, is flat, stable and cushioned to prevent damage to the screen!
5. Carefully remove the TV and accessories from the box supplied in – retain this and any packaging for 28 days before disposing of.

In the Box/ Standard Accessories

1 x LCD Television	2 x AAA Batteries (Remote)
1 x Stand Mount	4 x Stand Mount Screws
1 x Quick Start Guide	1 x Mains Cable
1 x User's Manual	1 x Remote Control

If any of the above items are missing please consult your retailer or contact service on the number below!

Fitting the Stand Mount to the TV

Remove the TV panel from the box and place face down on a flat, cushioned surface (take care not to damage the screen)

1. Remove the cap from the bottom of the TV as shown in fig 1 – retain for possible future use.
2. Insert the stand mount into the opening of the TV as shown and carefully slide into position – fig 2. Please ensure you correctly orientate the stand see fig 4.
3. Align the screw holes on the mount with the screw apertures of the TV .
4. Insert and tighten the four screws (supplied) at the rear of the TV as shown in fig 3 - take care not to over tighten the screws.
5. Carefully lift the TV upright and position on a flat, stable surface for viewing.
6. To detach the stand, perform the above steps in reverse order.

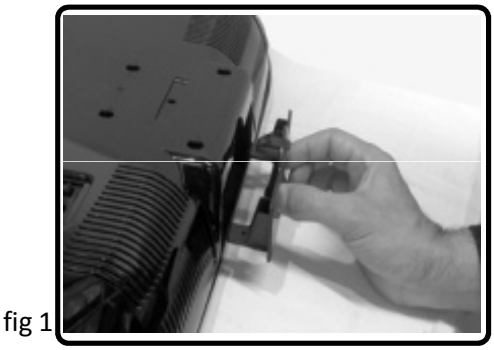


fig 1

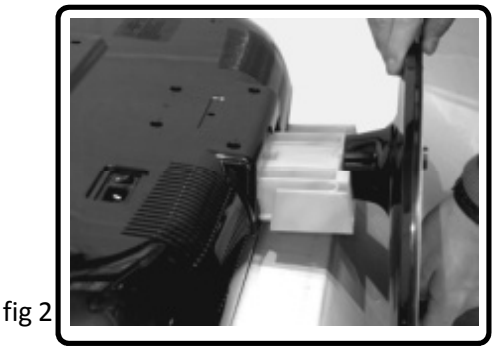


fig 2

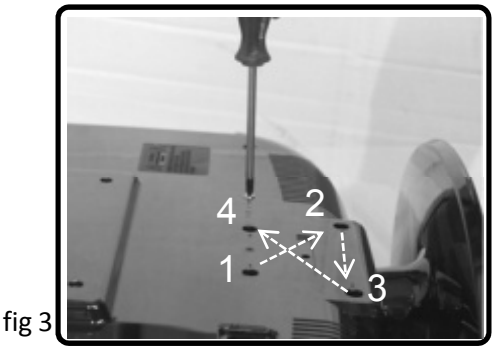


fig 3

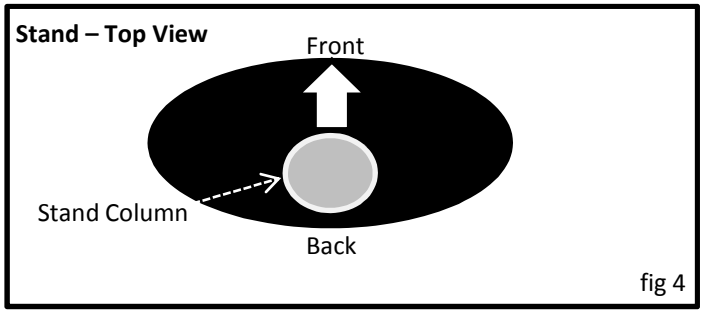


fig 4

Initial Setup

Notes on wall mounting the TV

Wall mount items (sold separately) allow you to wall mount this TV onto a wall.
For detailed information on installing the wall mount, please see the instructions provided with the specific bracket.

Contact a technician for assistance when installing the TV on a wall mounted bracket.

- DO NOT install your wall mount while the TV is turned on. It may result in personal injury due to electric shock.
- Remove the stand and cover the stand mount recess with the cap originally supplied with the TV (see previous page)

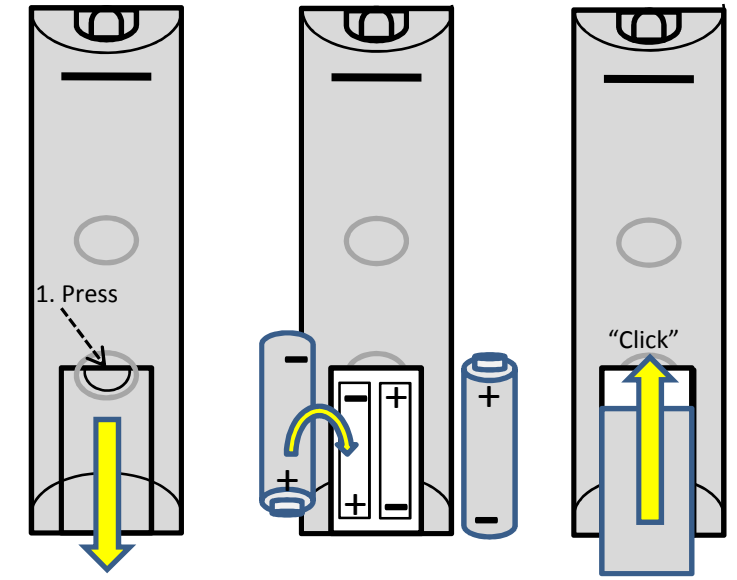
Remote Control: Battery Installation

The remote control uses 2 x 1.5V AAA batteries. For battery installation and replacement please follow the instructions below..

1. Turn the remote control unit upside down. Carefully press down on the grip of the battery compartment - slide back and remove the cover in the direction of the arrow – see fig 1 and 2.

2. Install the new batteries making sure that the battery polarity matches the + and – guide inside the battery compartment . The unit can be damaged if the batteries are not positioned correctly – see fig 3

3. Close the battery compartment cover carefully by sliding it in the direction indicated – fig 4. It should click into place once secured.

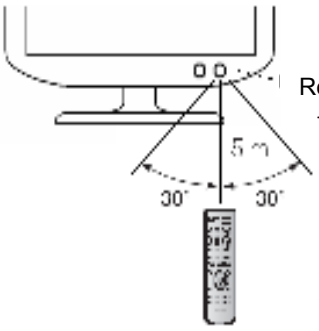


(These figures are just for reference.)

Cautions regarding the remote control unit

- Do not expose the remote control to impacts – dropping, sitting on etc...
- Do not spill liquids on the remote control and do not place in areas of high humidity.
- Do not leave in direct sunlight – the heat may cause deformation of the unit.
- Remove the batteries from the remote control if you are not using it for a long period of time (several weeks)
- Do not throw away used batteries with normal household waste.
- Do not mix new and used batteries.
- Do not use rechargeable batteries.
- Do not mix battery types – (alkaline with carbon, zinc etc)
- Do not expose batteries to excessive heat, throw them on the fire, recharge them or try to open them as this could cause them to leak or explode.

Use the remote control by pointing it towards the remote control sensor on the TV.....



Remote control sensor

The remote control may not work properly if the remote control sensor on the TV is in direct sunlight or bright lighting. In such case , change the angle of the lighting or TV, or operate the remote control unit closer to the remote sensor.

If the remote control doesn't work, check the following:
Is the TV power on?
Are the batteries fitted correctly – plus and minus terminals ?
Are the batteries drained?
Is there a power outage, or is the power cord unplugged?
Are there objects between the remote and the TV sensor?
Ensure the remote is in TV Mode – Press the TV key.

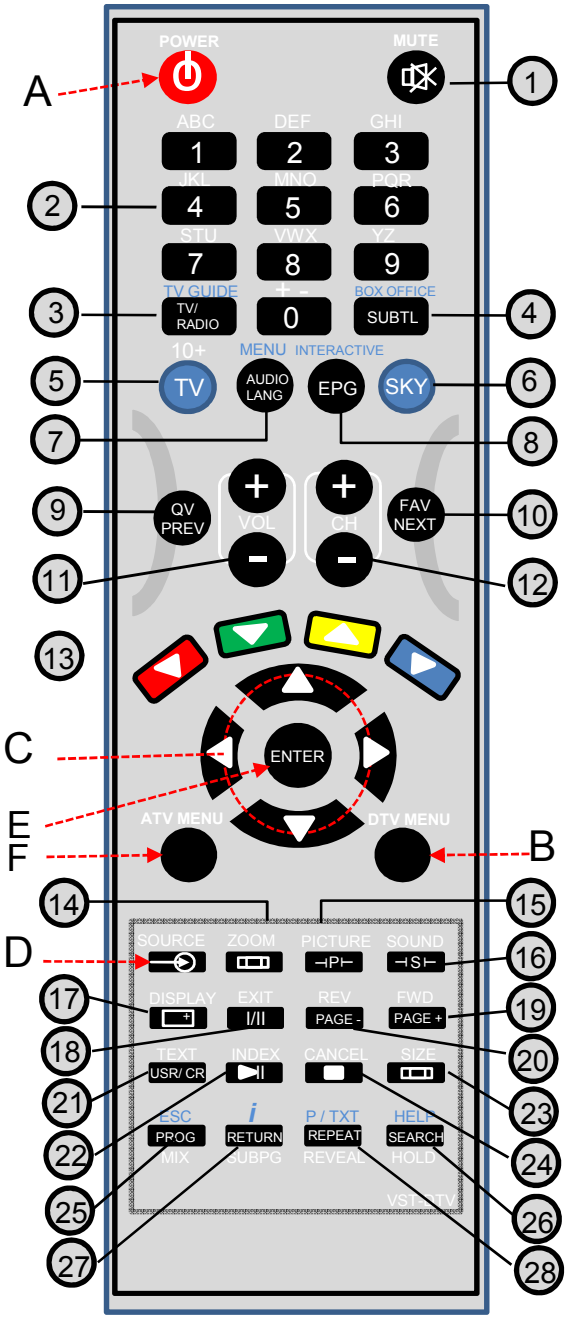
4. Operating Controls and Connections

Remote Control Unit

The information on this page will help you to identify remote control function keys. Keys A – F highlight the important keys used for tuning and Menu selection and is referenced further in the user's manual as a guide.

A. POWER: To switch the TV onto standby or power on
B. DTV MENU: To display the Digital TV Menu
C. ARROW KEYS: Used to navigate the menu's
D. SOURCE: To display TV input source menu.
E. ENTER or OK: Used to confirm menu selection
F. ATV MENU: To display the TV settings menu (+ Analogue tuning)

1. **MUTE**: To disable or enable sound
2. **NUMBER KEYS**: 0 – 9 For direct access to channel selection. For a 2/3 digit channel number press the 2nd / 3rd digit without hesitation. Also use these keys for text entry options within the menu – e.g. channel naming in ATV
3. **TV/ RADIO**: Switches the TV between current TV channel and the current radio channel (DTV)
4. **SUBTL**: In DTV mode used to turn subtitles on/ off and toggle through subtitle language options (if available).
5. **TV**: Press this to have the remote operate the TV
6. **SKY**: Press this to have the remote operate a SKY box – all blue key functions become active and normal TV operation is disabled. Please note that this feature will only work with certain SKY box models. (not Sky+ or HD)
7. **AUDIO LANG**: if the TV channel has multi lingual/ alternate audio tacks use this key to select which track to listen to.
8. **EPG**: Electronic Programme Guide – In DTV mode only - calls up the TV guide system showing you what's on.
9. **QV PREV**: Selects the previously viewed channel
10. **FAV NEXT**: To select your favourite channel list.
11. **VOL +/-**: To adjust sound level
12. **CH +/-**: To view the next or previous TV channel.
13. **Colour Keys**: Used to access Fastext options (Analogue TV)
14. **ZOOM**: Selects between 4:3 – 16:9 aspect ratio viewing options
15. **PICTURE**: Recall default picture settings
16. **SOUND**: Recall default sound settings.
17. **DISPLAY**: Use to display TV and source information on screen
18. **EXIT (I/II)**: Use to exit menu's and teletext – I/II used to switch between NICAM Stereo/ Mono options and NICAM dual I/ dual II/ or mono - when in non menu operation.
19. **PAGE+**: Press to view the next EPG program (DTV)
20. **PAGE-**: Press to view the previous EPG program (DTV)
21. **TEXT**: Used to enter "Teletext" mode (Analogue and DTV)
22. **INDEX**: Use to go to text a – z index page.
23. **CANCEL**: Text option, used to temporarily display TV picture until text page refreshes – gives notification on screen.
24. **SIZE**: Used to increase text size in teletext mode – press to displays top half of text screen enlarged, press again to display bottom half and press again to display normal.
25. **MIX**: Mix TV picture and text as an overlay
26. **HOLD**: Freeze text subpage on screen
27. **SUBPG**: Subpage Index Key
28. **REVEAL**: Use to display/ hide information on certain text pages – quiz game solutions etc.

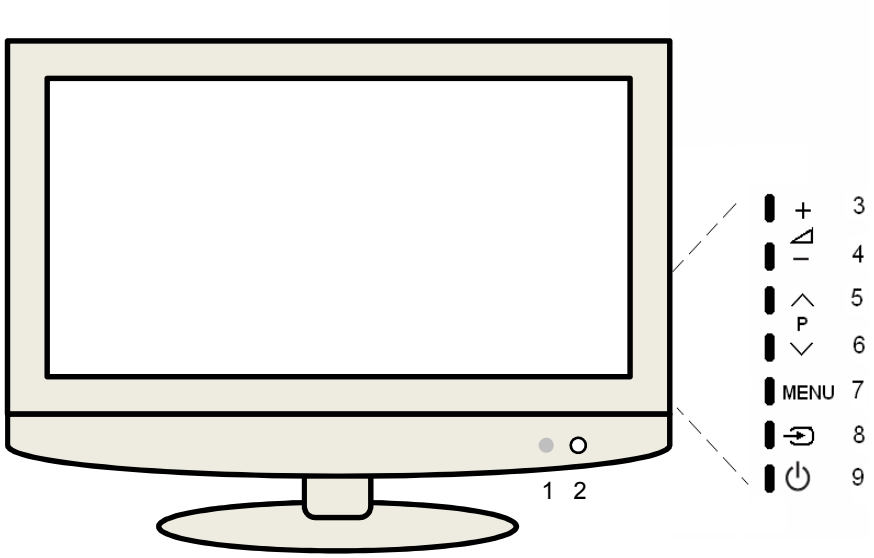


For illustration purposes only – some functions apply to this brand of VCR and DVD players only and as such are not explained here.

Operating Controls and Connections

Operating Controls/ Names and Functions

Front (Right Side) Controls



1. LED INDICATOR
   the light is blue when the power is on and red when TV is in stand-by mode.

2. REMOTE CONTROL SENSOR
   aim the remote control at this spot on the TV

3. VOLUME UP
   increase the volume

4. VOLUME DOWN
   decrease the volume

5. CHANNEL UP (CH+)
   access next TV channel

6. CHANNEL DOWN (CH-)
   access previous TV channel

7. MENU
   press to display On Screen Menu of the TV's features and settings

8. SOURCE
   press to display on screen menu of TV's input sources - enables you to select from – TV, SCART 1 – 2, S VIDEO, Component, VGA, HDMI 1 – 3, DTV

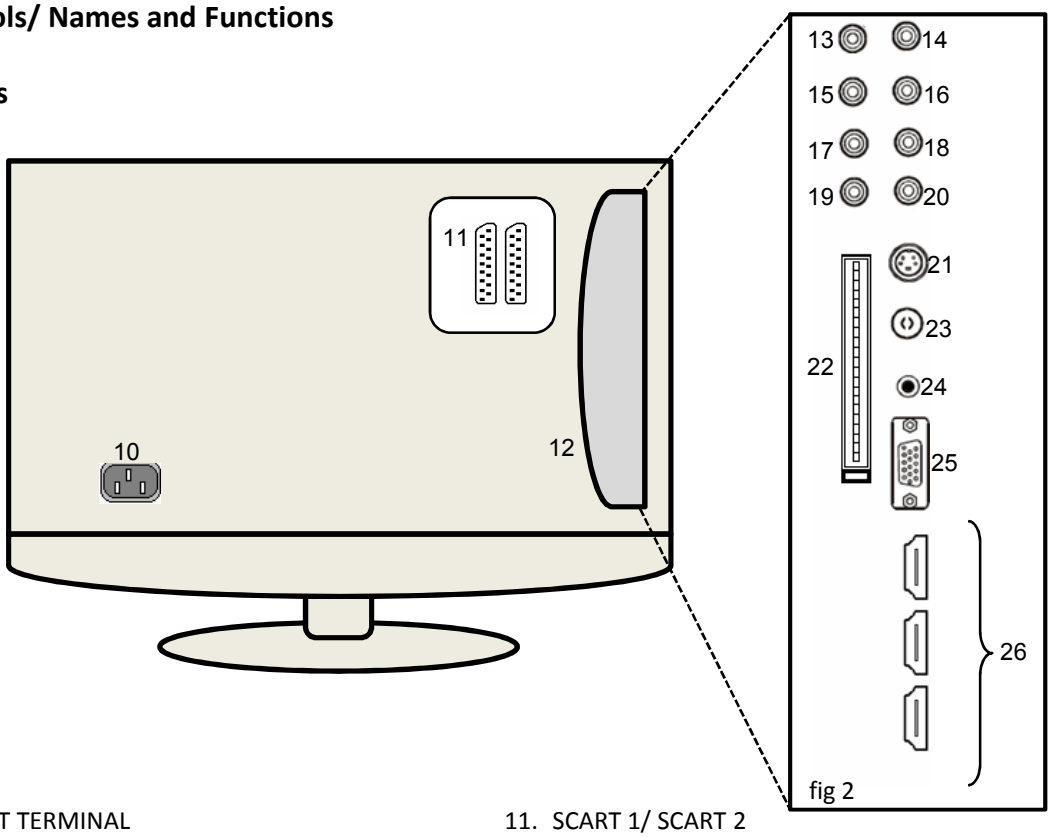
9. STAND-BY
   press to switch the TV stand-by on/off

(These figures are just for reference.)

Operating Controls and Connections

Operating Controls/ Names and Functions

Rear Connections



10. AC INPUT TERMINAL
11. SCART 1/ SCART 2
12. SIDE CONNECTION PANEL - see fig 2 - expanded
13. AUDIO IN L2 (For Component) - LEFT
14. AUDIO IN R2 (For Component) – RIGHT
15. AUDIO IN R1 (For Video/ S Video) - RIGHT
16. Pr/ Cr Component In
17. AUDIO IN L1 (For Video/ S Video) - LEFT
18. Pr/ Cb Component In } Component In
19. Video In (Composite)
20. Y Component In
21. S-Video In
22. CI Slot (common interface)
23. ANT In (Antenna Input Terminal)
24. VGA Audio In (PC Sound)
25. VGA In (D-sub 15pin)
26. HDMI 1/ HDMI 2/ HDMI 3 Connections

(These figures are just for reference.)

Connections – where external products would typically connect (o = can be connected)

	VCR	Set top box	DVD Player	DVD Recorder	Blu Ray	SKY HD	Digital Camera	Video Camera	Games Console	PC
SCART 1 (RGB)	o	o	o	o				o	o	
SCART 2	o	o	o	o				o	o	
COMPONENT IN			o	o	o				o	
VIDEO IN	o						o	o	o	
S-VIDEO IN			o	o			o	o	o	
VGA IN									o	o
HDMI 1			o	o	o	o		o	o	
HDMI 2			o	o	o	o		o	o	
HDMI 3			o	o	o	o		o	o	

5. Basic Connection and Switching the TV On

Basic TV Connection and Switching On/ Off

1. Connect your aerial lead into the ANT IN socket on the rear of the TV – see fig 2.

2. Connect the mains lead (supplied) into the TV and plug into an appropriate household socket. Use AC 100 ~ 240V power outlet for the TV power supply. The apparatus must be connected to a mains outlet with a protected earthing connection - see fig 2.

3. The red standby light on the front of the TV will illuminate.

4. Point the remote control at the front of the TV set and press the POWER key (A) fig 1. – the blue power light illuminates on the front of the TV – (replacing the red standby light) and the unit switches on. You can also press the standby key on the side of the TV to turn on the unit from standby – see fig 2.

KEY CONTROLS

A – POWER KEY
B – DTV MENU
C – ARROW KEYS
D – SOURCE KEY
E – ENTER or OK KEY

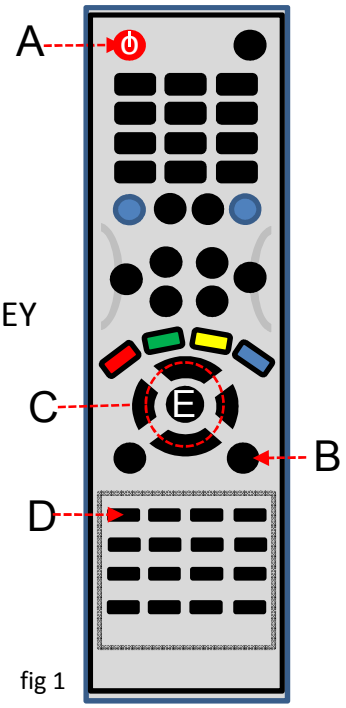
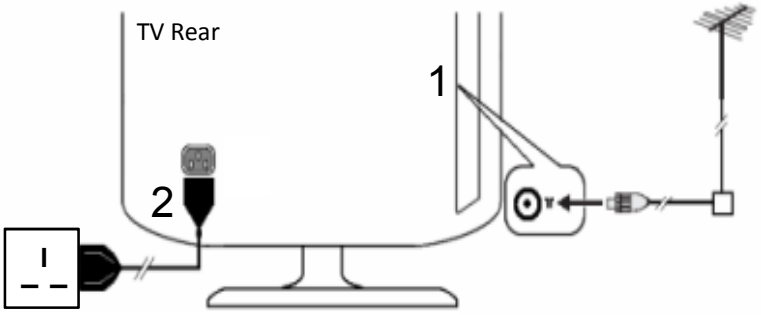


fig 1



Place the TV close to the AC outlet, and keep the power plug within reach.

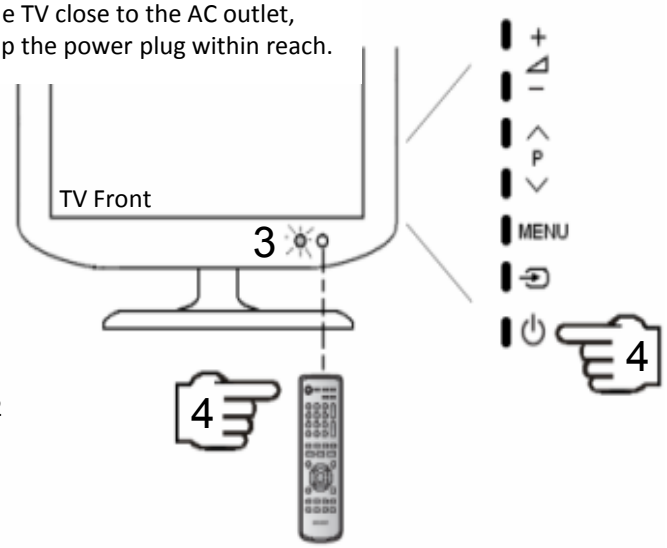


fig 2

Standby Mode

Your TV can be placed into standby mode in order to reduce power consumption – this is useful when you wish to interrupt viewing temporarily.

- Press the POWER key (A) on the remote control or the standby key on the TV set.
- The screen is turned off and a red standby indicator light replaces the blue power light on the front of the TV.
- To switch the TV back on , simply press the POWER key (A) on the remote control or Standby on the TV set.

- **Once in Standby - to fully switch off the TV remove the AC plug from the power outlet** – when the TV is not in use for a prolonged period of time and before going to bed.

- Ensure that the mains plug is easily accessible at all times. The power control on this model does not fully disconnect the TV from the mains supply – unplug to fully switch off. Do not leave on standby or switched on when you leave the house!

6. Digital Tuning: First Installation

First Installation

Remote Control Unit: Ensure that the remote control is in TV mode – press the TV key (G - fig 1) – the remote will now operate the TV..

With the TV connected and switched on as described previously follow the steps below to tune into Digital TV broadcasts.

DIGITAL TV TUNING

When the TV is switched on for the first time it may default to Analogue Tuner Mode (Standard TV) – To start Digital Tuning you must switch the TV into DTV Mode.

1. Press the SOURCE key (D) on the remote control – the source input menu appears on screen (fig 2) – this will only remain on screen for a few seconds for you to select your option – if the menu disappears simply press the SOURCE key again to display.

2. Use the down ▽ ARROW key (C) on the remote to highlight the DTV option. Once highlighted press the ENTER/ OK key (E)

KEY CONTROLS

A – POWER KEY
B – DTV MENU
C – ARROW KEYS
D – SOURCE KEY
E – ENTER or OK KEY
F – ATV MENU
G – TV KEY

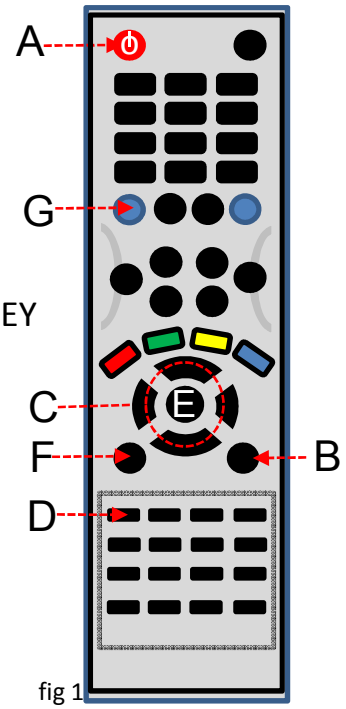


fig 1

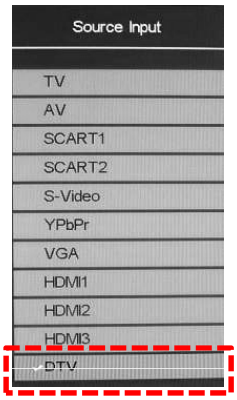


fig 2

3. An onscreen message – "DTV Initial..." Appears followed by a Welcome message – after a few moments the "First Installation" screen (fig 3) appears.

4. As per the On screen display - ensure your aerial is connected to the TV – The country option should default as "United Kingdom"– otherwise use the right ▷ ARROW key (C) to select "United Kingdom"

5. Press ENTER/ OK (E) – The TV will now auto-tune displaying a progress bar and listing channels as they are found (fig 4) – this will take a few moments to complete. Once finished an "installation completed" message will be displayed (fig 5).

6. After a few moments the TV will display a TV picture (BBC1 usually) – and is ready to use – all done.

7. *If the TV channels appear in an unusual order, or you have TV channels missing, please perform a factory reset on the TV and follow steps 3 – 6 again – for instructions on how to do this please see the trouble shooting section in this user guide book.*

fig 3

fig 4

fig 5

Digital Tuning - Troubleshooting

Digital TV Tuning Issues

TV Stations Stored in an Incorrect Program Position
If after initial DTV Tuning is complete, channels are stored in an unusual or incorrect order (e.g. BBC1 on program 7), or certain channels seem to be missing from the usual free to air line up - you may need to initiate first installation again.

To do this you will need to perform a Factory Reset on the DTV Tuner memory. All DTV Tuner data will be erased (doesn't affect analogue tuning memory) and you will be prompted to start the "First Installation" process for a second time. This should resolve the problem. Follow the instructions below.

Factory Reset the DTV Tuner

1. The TV should already be in DTV mode – if it is skip to step 4. If not follow he next steps and continue.
2. Press the SOURCE key (D) on the remote control – the source input menu appears on screen (fig 2) – this will only remain on screen for a few seconds for you to select your option – if the menu disappears simply press the SOURCE key again to display.
3. Use the down ▽ ARROW key (C) on the remote to highlight the DTV option. Once highlighted press the ENTER/ OK key (E)
4. You are now in DTV Tuner mode. Press the DTV Menu key (B) the DTV menu will be displayed with a list of options see fig 3.
5. Use the down ▽ ARROW key (C) to highlight "Configuration" and press the ENTER/ OK key (E)
6. On the following menu use the down ▽ ARROW key (C) to highlight "System Parameters" and press the ENTER/ OK key (E).
7. On the following menu use the ARROW keys (C) to select "Factory Settings" and press ENTER/ OK (E) see fig 4.
8. You will be asked to confirm the operation – press the ENTER/ OK key (E) see fig 5 - this will delete all current DTV Tuner settings and re initialise the TV which will automatically go into "First Installation" auto tuning mode after a few moments.
9. Please select "United Kingdom" with the ENTER/ OK key (E) and the TV will start tuning all digital TV stations and should put them in the correct/ usual order. If you are still having problems call our service number below.

KEY CONTROLS

A – POWER KEY
B – DTV MENU
C – ARROW KEYS
D – SOURCE KEY
E – ENTER or OK KEY

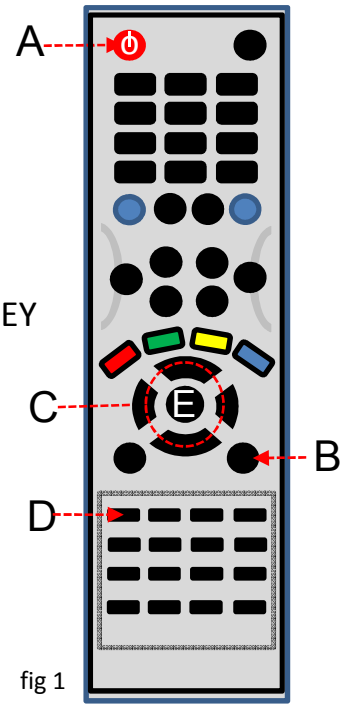


fig 1

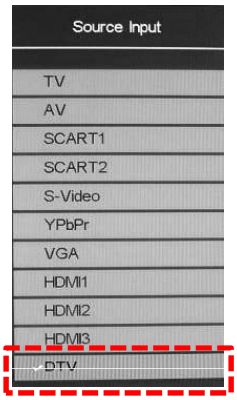


fig 2

fig 3

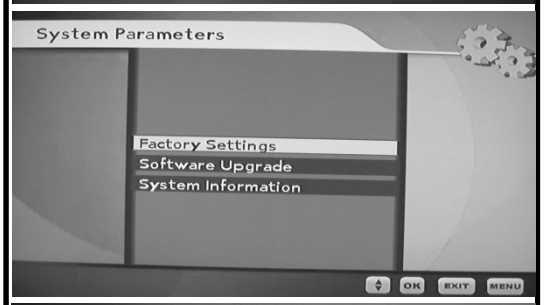


fig 4

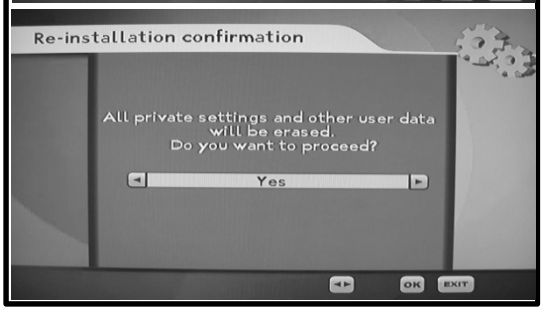


fig 5

Analogue TV Tuning: First Installation

First Installation

Remote Control Unit: Ensure that the remote control is in TV mode – press the TV key (G - fig 1) – the remote will now operate the TV.

With the TV connected and switched on as described previously, follow the steps below to tune your TV into standard terrestrial TV broadcasts'

ANALOGUE (STANDARD) TV TUNING

When the TV is switched on for the first time it may default to Analogue Tuner Mode (Standard TV) – if not, to start Analogue Tuning you must switch the TV into the TV Mode.

1. Press the SOURCE key (D) on the remote control – the source input menu appears on screen (fig 2) – this will only remain on screen for a few seconds for you to select your option – if the menu disappears simply press the SOURCE key again to display.

2. Use the up/ down △▽ ARROW keys (C) on the remote to highlight the TV option. Once highlighted press the ENTER/ OK key (E) The TV will switch into analogue tuner mode.

3. Press the ATV MENU key (F) to display the TV main menu. The menu will default to the Video menu – see fig 3 - Use the right ▷ ARROW key (C) to highlight the "Search" menu – see fig 4.

4. Press the down ▽ ARROW key (C) to highlight the "Country" option and use the left or right ◁ ▷ ARROW key (C) to select "ENGLAND"

5. Press the down ▽ ARROW key (C) to highlight "Auto Search" and press the right ▷ ARROW key (C) to begin tuning.

6. An "Auto Program" banner will appear on the screen - see fig 5 displaying a progress bar. All available tuner frequencies will be searched and any channels found, stored automatically to the tuner's memory.

7. This process will take a few minutes to complete. When finished the TV "Auto Program" banner will disappear and the TV will display a normal TV picture (usually BBC 1). The TV is now ready to display all available analogue TV broadcasts.

8. Provided the broadcast signal is strong enough, the TV will automatically place all TV channels in the correct order and label the channels BBC1, BBC2, ITV, CH4, CH5. If the signal is weak then channels may not be named and may be stored on the wrong program position. If this is the case follow the instructions on the next page.

KEY CONTROLS

A – POWER KEY
B – DTV MENU
C – ARROW KEYS
D – SOURCE KEY
E – ENTER or OK KEY
F – ATV MENU
G – TV KEY

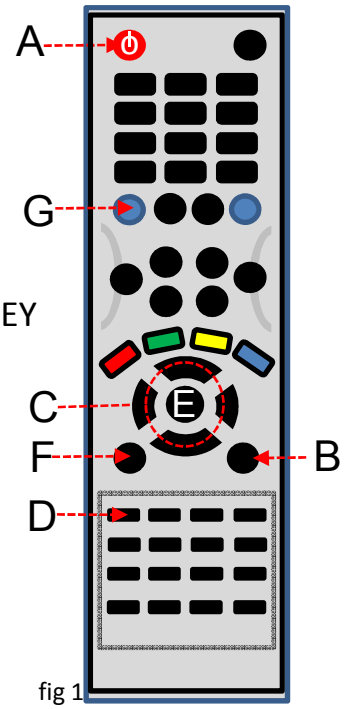


fig 1

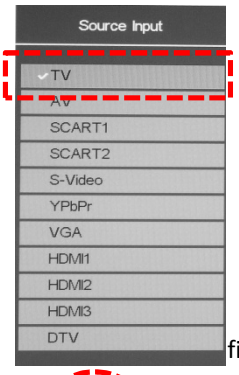


fig 2

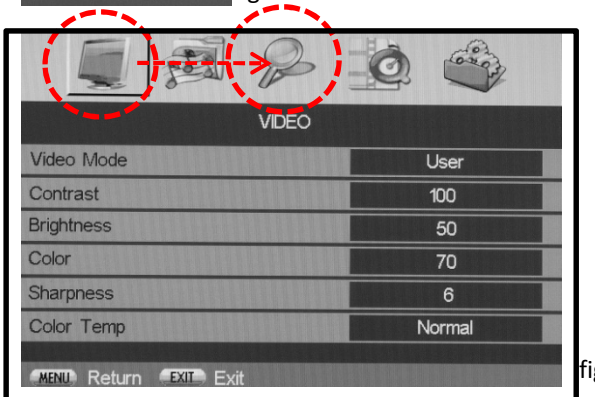


fig 3

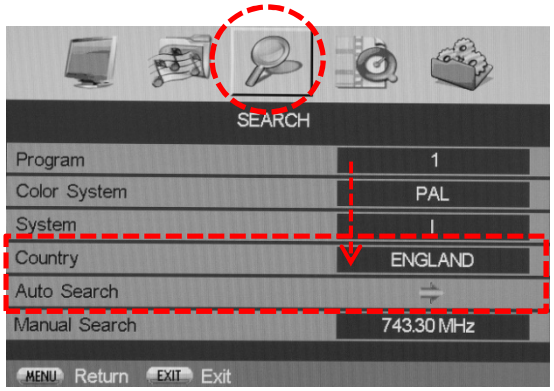


fig 4

fig 5

Analogue TV Tuning: First Installation

First Installation

ANALOGUE (STANDARD) TV CHANNEL SORTING

If, after auto tuning, the TV Channels received are stored in an incorrect order you will need to manually sort them into the correct program position. Please follow the steps below.

You should already be in the TV Tuner mode – following on from the previous page.

1. Press the ATV MENU key (F), the ATV Menu appears on screen displaying the "Video" menu.
2. Use the right ▷ ARROW key (C) to highlight the "Search" menu icon – see fig 2.
3. Press the down ▽ ARROW key (C) repeatedly to highlight the "Program Edit" option and press the right ARROW ▷ key (C) to access. *Note that this option is not viewable until you scroll down past the bottom of the initial "Search" menu screen.*
4. The "Program Edit" menu appears – see fig 3. Use the ARROW keys (C) to highlight the channel you wish to move to another position and press the ENTER/ OK key (E) on the remote control.
5. As per the yellow "Move" prompt on screen – see fig 3 – press the "YELLOW" Fastext key – the channel you wish to move will be highlighted yellow.
6. Use the ARROW keys (C) to move the highlighted channel to the desired program position you wish to store it on – see fig 3.
7. *In our example BBC1 is on program position 5. By pressing the left* ARROW ◁ key (C) *once, and the down* ARROW ▽ key (C) *once, it has now been moved to program position 1* – see fig 4.
8. Press the ENTER/ OK key (E) to store the channel in the position selected – the highlight changes to orange.
9. Copy steps 4 – 8 for all other channels you wish to move. When finished Press the ATV MENU key (F) a couple of times to exit from the menu.
10. You have now successfully sorted all of the channels stored in your preferred order.

As well as the "Move" option you can use the "Program Edit" menu to "Copy " a stored channel and "Delete" a stored channel - these commands are accessed with the colour FASTEXT keys (H) – using the same process as above however using the RED FASTEXT key (H) to delete a selected program and GREEN to copy.

KEY CONTROLS

A – POWER KEY
B – DTV MENU
C – ARROW KEYS
D – SOURCE KEY
E – ENTER or OK KEY
F – ATV MENU
G – TV KEY
H – FASTEXT KEY

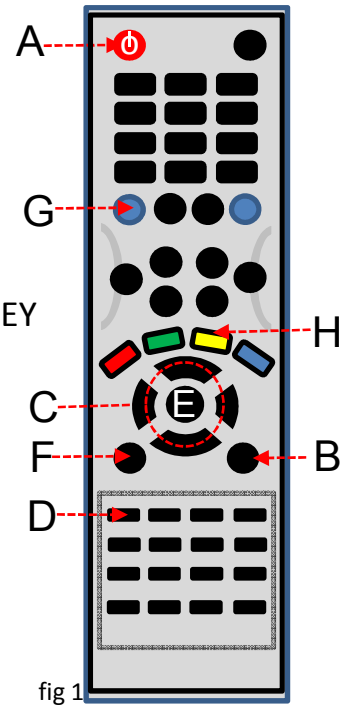


fig 1

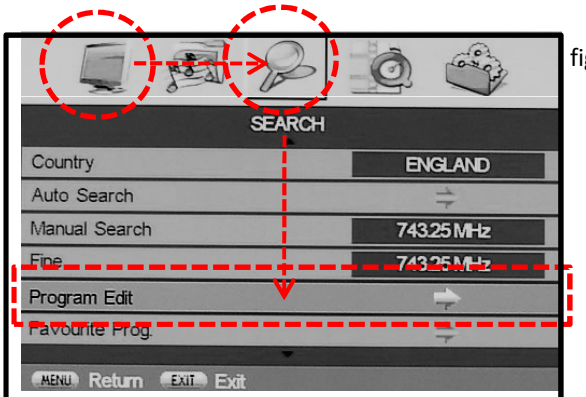


fig 2

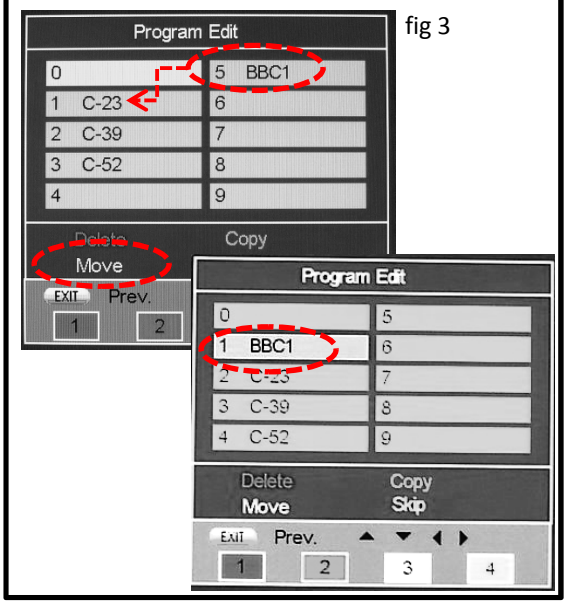


fig 3

fig 4

7. General Troubleshooting

Before you call the service agent, please check the following points.
Please bear in mind that malfunctions can also be caused by external influences or equipment.

PROBLEM	POSSIBLE CAUSES/ RESOLVE
No picture, no sound.	Mains adapter not plugged in to mains socket or back of TV ? Is the standby light on? Is the aerial connected ? Is the TV switched on ? Is it in standby (red light) ? Is the TV input source on an AV input ? - Select DTV or TV from the input source menu If on an AV source check the HDMI/ SCART connection etc - is firmly in place on the external device and in the socket on the TV .
Picture, but no sound.	Volume is set to minimum or mute. Incorrect sound system setting on ATV search menu (should be I - country "ENGLAND") Ensure that sound level has not been limited in the Hotel Mode option in ATV menu
No TV picture.	TV is switched to AV Antenna has not been plugged into the TV TV is not installed correctly - recheck connections/ install instructions
Picture has pale colours, is too dark or is blurred.	Set colour, brightness and contrast on ATV video menu
There is no colour on all channels.	Ensure colour is turned up on the ATV video menu screen Antenna cable does not contact adequately Antenna cable is damaged or broken Aerial system is faulty
Bad picture on standard TV with interference.	Interference caused by outside source – other electronic equipment/ fluorescent lights Microwave oven/ Hairdryer, or car/ motorcycle Aerial system is faulty TV situated in poor reception area Try fine tuning individual channels
Interference or blocky disappearing images on DTV channels.	Antenna cable does not contact adequately to TV ANT in socket Antenna cable is damaged or broken Aerial system is faulty TV situated in poor reception area
Teletext missing or corrupted/ faulty.	TV station does not transmit teletext Weak bradcasting signal Receiving broadcast in a poor reception area Aerial system is faulty
Remote control does not work.	Check that the remote is in TV mode and not Sky mode by pressing the blue TV button TV is not switched on The remote batteries are flat or inserted incorrectly - remove batteries and re insert correctly. Bright external light is falling on the TV remote sensor or remote control signals Obstacles between the remote control and the TV remote sensor can affect data transmission Switch off the TV by disconnecting from the mains. Wait 10 seconds and try again.
TV does not respond to commands or images unstable.	Switch off the TV by disconnecting from the mains. Wait 10 seconds and try again.
DTV tuning - channels ordered incorrectly.	Go into DTV menu and perform factory reset - auto tune will start automatically once reset is complete and order channels correctly on the second attempt.
DTV - some digital TV channels missing from the expected available list.	Poor reception of signal caused by any of the following Antenna cable does not contact adequately to ANT in on TV Antenna cable is damaged or broken Aerial system is faulty TV situated in poor reception area - low signal level
HD images are displayed but the visual quality is not good.	Check that the HDMI/ VGA or Component input connecting the device is connected properly and secure Check that the particular connecting cable is not faulty (try another if possible) Check that the device's output is set to HD and that HD is enabled. Ensure the media is HD standard

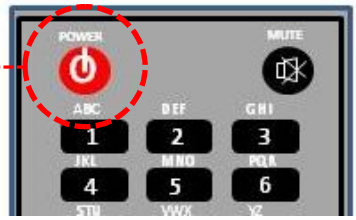
8. Using your Television

Controls Applicable for Digital and Analogue TV Viewing

This section details how to operate your TV set now it is installed and tuned in. The first section highlights the key controls applicable to both Digital TV and Analogue TV viewing.

ON/ OFF STANDBY

Turn on the TV as previously explained using the POWER key on the remote control or the Standby key on the side of the TV unit – these are also used to switch the TV back into standby mode



CHANGING CHANNELS

There are several ways to change the TV channel.

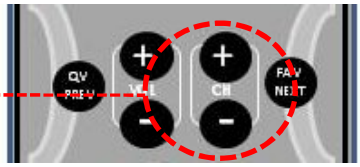
You can use direct digit number selection keys 0 – 9

Select programs 0 – 199 directly by using direct digit keys

To select single digit program number press desired digit - 1, 2, 3 etc – after a few moments the channel will appear.

To select 2 digit or 3 digit program number e.g. 83 or 132 press 1st, 2nd or 3rd digit within 2 seconds.

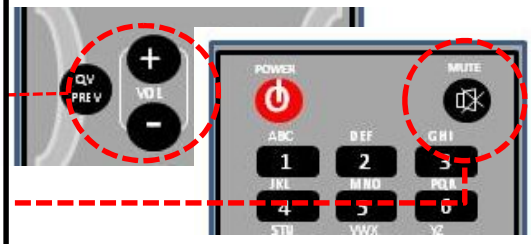
You can also use the CH+ and CH- keys to select the next/ previous TV channel available in a stepped sequence.



VOLUME CONTROL & MUTE

Increase/ decrease sound level with VOL + and VOL – keys – On Screen Display shows visual representation.

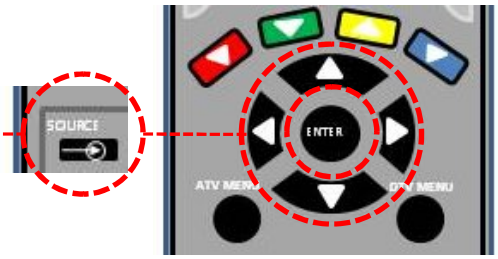
Use MUTE to cut off the sound – useful if the phone rings . To turn the sound on press the MUTE key again (On/ Off)



SOURCE SELECTION (TV, DTV, AV, PC)

Use to change the input source of the TV – from **"Digital Tuner"** mode to **"Analogue Tuner"** mode and to view connected devices – via SCART, HDMI etc – DVD Player, Camcorder etc.

Menu driven; use the SOURCE key to open "Input Source" menu then use ARROW keys up and down to navigate to desired source selection - press ENTER/ OK to confirm selection – source will be displayed. **TV is ANALOGUE tuner mode. DTV is Digital TV mode**.



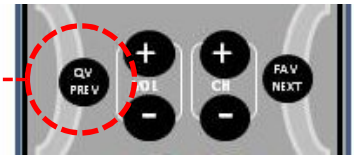
ZOOM

Use to change the aspect ratio of the screen 4:3, 16:9, Full and Original/ Native Modes available (depending on broadcast)

Each press of the key will cycle through the alternative options.

QUICK VIEW (PREVIOUS CHANNEL)

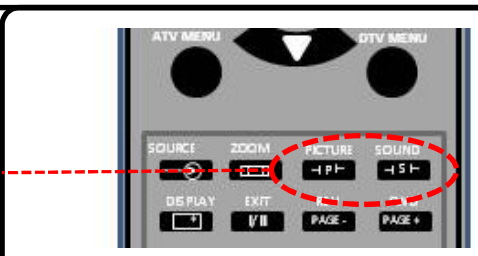
Pressing this key will change the TV channel to the station viewed previously – very handy when switching between two particular TV programs you want to keep an eye on.



Using your Television

PICTURE/ SOUND RECALL
Press the "Picture" key to reset picture colour/ contrast/ brightness levels etc to previous settings.

Press the "Sound" key to reset audio – treble/ bass/ balance levels etc to previous settings .



DISPLAY
Calls up "on screen" information of TV status - display source, program/ channel, and programme information etc. To turn off OSD press the DISPLAY key again or await timeout.

SUBTL
Press the SUBTL key to enable or disable subtitles. Please note that subtitles are only available on certain programmes/ channels and coverage is dependent on the broadcaster.

TV AND SKY REMOTE CONTROL
Press the TV key to use the remote unit to function with the TV. This is "Normal Operation" mode! - If the remote does not seem to be operating the TV – press this button and retry.

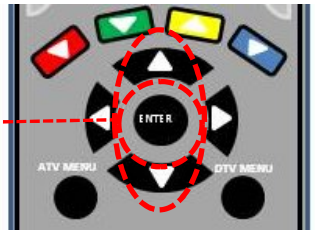
Press the SKY key to use the remote unit to function with compatible set top system's or sky receivers. Compatibility is limited to certain models sold in the EU – (not digital/plus or HD) All TV functions are disabled in this mode –**press TV to enable**.

AUDIO LANG
If the current channel you are viewing has several audio tracks, or multilingual options the AUDIO LANG key allows you to choose between those audio tracks/ languages available.

Controls Applicable for Digital TV Viewing Only

The following features are applicable when you are in the DTV Tuner mode only.

CHANNEL LIST
As well as being able to use the CH+ / CH- and direct number access you can change channel by selecting from a channel list accessed via the ENTER key when in DTV Tuner Mode. Press ENTER – a channel list appears on screen - use the ARROW keys up and down to select a channel from the list on screen and press ENTER to access that channel.



TV RADIO KEY
When pressed, this key alternates between the last TV channel viewed and the stored radio channels available on Digital Broadcasting. The key will always switch to the previous radio or TV channel used.

Using your Television

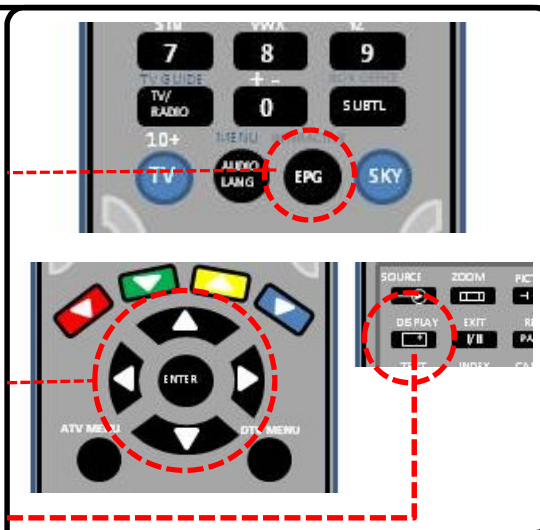
EPG (ELECTRONIC PROGRAMME GUIDE) – DTV Only!
Press this button to access the Electronic Programme Guide. An "On Screen Display" appears detailing the programme schedule listings for the remainder of that day.

Use the left/ right ARROW keys to select a different day – the EPG system stores 8 days worth of information for each channel.

Use the up/ down ARROW keys to scroll through the days listings – as a programme is highlighted information about it will be displayed. Press the DISPLAY key for more information.

PAGE +/ PAGE – access next/ previous channel listings.

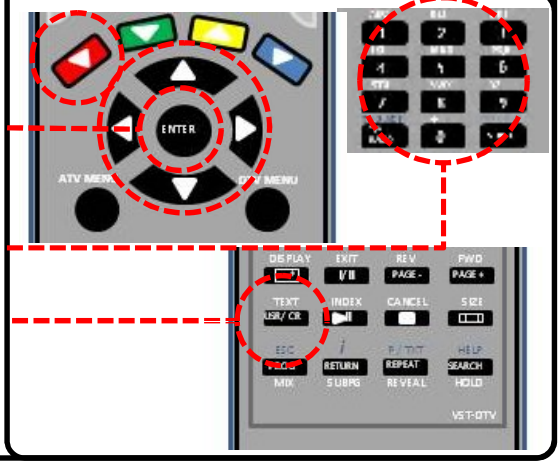
Press EPG to return to normal viewing.



DIGITAL TELETEXT
Some digital broadcasting channels offer a digital text service. To access digital text where available you may be prompted to press the red FASTEXT key otherwise, press the TEXT key.

You can either use the ARROW keys to select subjects from a menu pressing the ENTER/ OK key to confirm, or key in a page number (if known) to directly access – e.g. page 300 - type 3,0,0 .

After a short period the requested page will be displayed. Follow the on screen prompts to navigate through each service available.

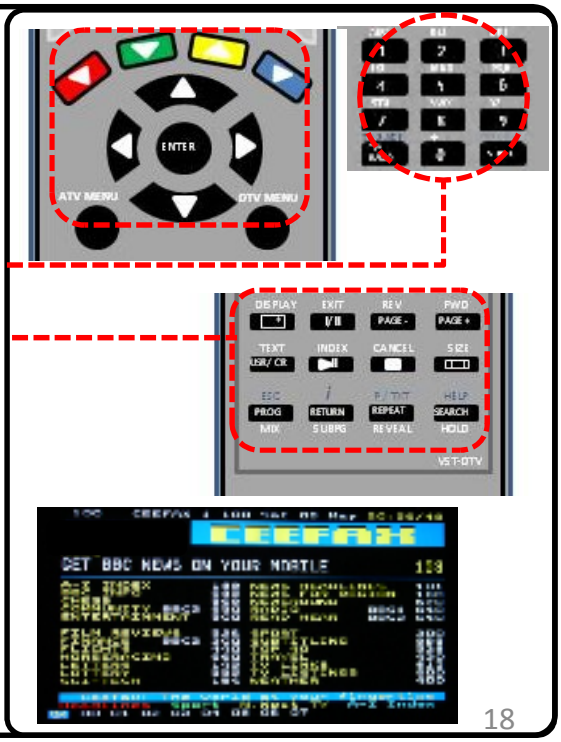


Controls Applicable for Analogue TV Viewing Only

The following features are applicable when you are in the Analogue Tuner mode only.

TELETEXT/ FASTEXT
Press TEXT to operate TELETEXT services
You can access pages of information in multiple ways.
Use 0 – 9 Keys for direct selection of 3 digit page number as per the text index – e.g. for page 301 key in 3,0,1
Use colour FASTEXT keys - press the colour button corresponding to the item you wish to view – e.g. If "Headlines" is displayed in red – press the red FASTEXT key to display that item.
Use either CH+/ CH- keys or ARROW keys up/ down to go to the next/ previous page number. Use ARROW keys left/ right to access subpages where applicable.

INDEX	press to access main TEXT index service
CANCEL	display TV picture with notification of updates
SIZE	display top/ bottom and full page – enlarge text
MIX	text overlay on TV picture – press again to normalise
SUBPG	see above
REVEAL	display hidden text – used for text quiz/ games
HOLD	current page is held on screen giving you time to read the page/ advertisement etc press again to release.



9. Menu Operation

ADJUSTING TV SETTINGS

This section will help you in navigating the menu systems used for adjusting TV parameters.
The On Screen Menu's are very easy to operate, simply use the ARROW keys and ENTER key on the remote control to access all functionality.**Before starting , please press [TV] key on the remote control**

There are two menu's on this TV.

1. **ATV Menu -** Available when the TV is in ANALOGUE (TV) or DIGITAL (DTV) mode
   - For general picture/ sound/ analogue tuning and timer/ child lock/ hotel mode options.

2. **DTV Menu** - Available when the TV is in DIGITAL (DTV) mode only.
   - For Digital TV configuration, personalising DTV channel favourites, DTV child lock and hotel modes .

ATV MENU OPERATION/ NAVIGATION

The ATV Menu allows you to alter general TV settings – and is used to customise standard picture, sound, timer - etc parameters.

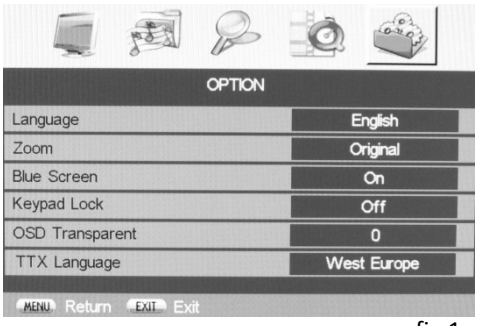
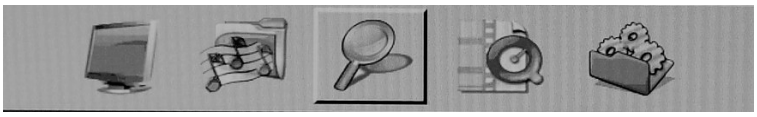


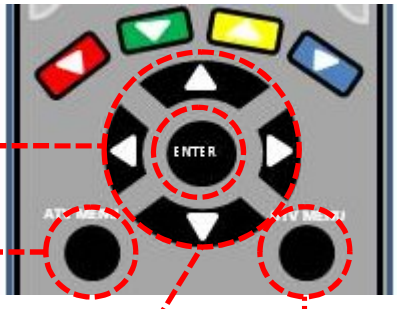
fig 1

1. Press ATV MENU to access the ATV main menu screen – see fig 1.
2. Use ARROW keys left/ right to highlight the submenu you wish to enter - Video, Audio, Search, Time and Options – see fig 2..
3. Press the down ARROW key to enter the selected submenu.
4. Use ARROW keys up/ down to select a parameter e.g. "colour" etc
5. Use ARROW keys left/ right to adjust the selected parameter.
6. Press the ATV MENU key to step back to previous menu/ submenu.
7. To exit to TV keep pressing the ATV MENU key until the main menu disappears off the screen.

ATV Main Menu fig 2



Video (Picture Settings) | Audio (Sound Settings) | Search (ATV Tuning) | Time (Timer Settings) | Options (General Settings)



DTV MENU OPERATION/ NAVIGATION

The DTV MENU is only accessible when the TV is in DTV mode, and is used to customise digital tuner options.

fig 3

1. Press DTV MENU to access the DTV main menu screen – fig 3.
2. Use ARROW keys up/ down to make a selection
3. Press ENTER to confirm selection / proceed
4. (Use ARROW keys left/ right to adjust a setting in a menu)
5. Press the DTV MENU key to exit from the DTV menu.

The tables on the following pages detail the options available in both the ATV MENU and the DTV MENU. The key functions are listed with details of the parameters that can be adjusted and what they are used for.

The menu layout in this user guide may differ slightly from your TV

Menu Operation

ATV MENU LIST - For Main Menu – (Press ATV MENU Key)

VIDEO MENU					
Video mode	→	**User** **Dynamic** **Standard** **Mild** **Game**	→	**Contrast** **Brightness** **Colour** **Tint** **Sharpness**	This menu is for selecting the pre-set picture settings. Pre programmed settings are available as well as the user settings also available in addition you can also use **PICTURE** button on remote to select various picture settings. In User mode you can alter colour, contrast, brightness etc to your own personal preference. *NOTE:* TINT is available only for NTSC. This function is to adjust tint of picture for NTSC signal.
Color Temp	→	**Cool** **Warm**	Colour Temperature adjusts the colour temperature of the picture to , Warm (reddish) or Cool (bluish).		
Noise Reduction	→	**On** **Off**	Noise reduction parameter is used for reducing the noise level present in video.		
Advance	→	**Flesh Tone** **Green Tone** **Blue Tone**	→	**Mode1** **Mode2** **Mode3**	These parameters are used to increase corresponding Red, Green or Blue colour of picture.
		Cinema mode	→	**On** **Off**	Cinema Mode is algorithm for auto detect and Cinema mode enable. User can enable or disable Cinema mode .

AUDIO MENU				
Audio mode	→	**User** **Surround** **Flat** **Music** **Movie** **Sports**	**User**	This menu is for selecting the pre-set Audio setting. Pre programmed settings are available as well as the user setting In addition you can also use **SOUND** button on remote to select preset sound settings
Balance	→	**-50 … 0 … +50**	By using balance parameter user can adjust balance for sound output.	
Treble	→	**0,1,2,…50,…100**	This parameter is used to adjust higher frequency level in sound output.	
Bass	→	**0,1,2,…50,…100**	This parameter is used to adjust the low frequency level of sound output.	
AVL **(Auto Volume Level)**	→	**On** **Off**	This parameter is used for automatic volume cont. If it is ON then sound volume level is adjusted automatically. In case of distorted audio due to high audio modulation index, turn Auto Volume Control "On"	

SEARCH MENU			
Program	→	**0,1,…,199**	These parameters indicate current program number.
Color System	→	**AUTO** **PAL** **SECAM**	This setting is necessary if picture is not reproduced correctly. Auto is the best setting, however select PAL for UK TV signals.
System	→	**BG/I/DK/L/L'**	This setting is necessary if sound is not reproduced correctly. I for the UK
Country	→	**OTHERS, AUSTRIA, BELGIUM, INDIA, CROATIA, CZECH, DENMARK, FINLAND, FRANCE, GERMANY, GREECE, HUNGARY, ITLAY, LUXEMBOURG, NETHERLAND, NORWAY, POLAND, PORTUGAL, SLOVENIA, SPAIN, SWEDEN, SWITZERLAND, TURKEY, ENGLAND, RUSSIA, SAUDI ARABIA**	Select the country as per your requirement. By selecting Country, TV set will automatically adjust colour and sound system corresponding to that country automatically
Auto Search	→	This is Auto Searching Mode that will tune all channels available automatically	
Manual Search	→	This parameter is used to tune in channels manually in case new channel is broadcast not already stored in Auto Search.	
Fine	→	This parameters allow you to fine tune channel manually in case of weak signal.	
Program Edit	→	**0,1,2,…,99,199**	This parameter is used for sorting of program position. Copy, Delete, Skip, Move Select the matching colour key to select the edit option. Press [Enter] to confirm.
Favourite Program	→	**0,1,2,…,7**	Favourite program parameter is used for arranging the favourite program. Press [FAV] key repeatedly on the Remote to access all favourite programs stored, one after another.
Program Label	→	**0 to 9** **A to Z** **+, -**	Program Label is used to assign a label to a program channel – e.g. BBC 1. Press the ARROW keys on the remote control to move the cursor or change the letters. Once finished press the [ATV MENU] key to confirm your choice.

ATV MENU LIST - (Continued)

TIME MENU			
Current Time	→	**00:00 to 23:59**	This setting displays the time set by user as a Current Time.
Off Time	→	**00:00 to 23:59**	This parameter used to switch the TV set into standby at time preset by the user. *NOTE:* **Off Time** is deactivated when set is switch to standby or mains power supply is switched off.
On Time, **On Program**	→	**00:00 to 23:59,** **0 to 199**	These parameters are used to switch the TV set On from standby at a preset time and preset program channel. To execute the **On Time** and **On Program** set should be in standby mode. *NOTE:* **On Time** gets deactivated when set is switched off by mains power supply.
Reminder Channel, **Reminder Time**	→	**0 to 199,** **00:00 to 23:59**	This is reminder and presently viewed channel gets changed to the preset program when **Reminder Time** reach's **Current Time**. *NOTE:* **Reminder Time** gets deactivated and **Reminder Channel** resets to '1' when set is switched off by mains power supply.
Auto Sleep	→	**0,10,20,30,60,90,** **120,180,240** **Minutes**	TV set goes to standby after the preset time in Auto Sleep. *NOTE:* Auto Sleep is deactivated when set is switched to standby or mains power supply is switched off.

OPTION MENU			
Language	→	**English** **French** **German** **Spanish** **Italian** **Russian** **Greek** **Portugese** **Polish** **Romanian** **Hungarian** **Bulgarian** **Czech** **Serbian** **Turkish**	**Language** is used to select OSD display language as per requirement.
Zoom	→	**16:9** **Original** **4:3** **Zoom**	This parameter is used to select Aspect Ratio for picture.
Blue Screen	→	**On** **Off**	This parameter is used to control screen display in absence of signal. If it is **ON** then displayed sreeen is Blue and if it is **OFF** then displayed screen is raster when source is TV and in case of other source displayed screen is Black.
Keypad Lock	→	**On** **Off**	Keypad Lock function is used to lock the operation of the front keys of TV set.
OSD Transparent	→	**0,1,2,…,9,10**	This parameter is used to adjust transparency of menu OSD window.
TTX Language	→	**Russian** **Greek** **Arabic** **Farsi**	This function is used to set TTX Language as per requirement.
BackLight	→	**0,1,…,9,10**	This parameter is used to adjust the brightness level of panel.

ATV MENU LIST - (Option Menu Continued) Child Lock/ Hotel Mode

ATV MENU Child Lock and Hotel Mode Notes.

For any Child Lock/ Hotel Mode parameters to function – the Child Lock ENABLE and Hotel Mode ENABLE (ON/ OFF) option must be **ON**. Channel Lock/ Source Lock will only function if these ENABLE commands are ON

You can select as many individual channels/ sources to lock out – simply select each channel/ source and select Channel/ Source LOCK – ON

Force Position in Hotel Mode is only applicable to a single source/ channel

Child Lock The password is "000000" by default		**Change Password**	This feature is used to change the default password (000000) to any user defined password – please remember this password/ keep a written note in a safe place.		
		Child Lock Enable	→	**On** **Off**	By using this parameter user can Enable or Disable the Child Lock either by selecting **On** or **Off.**
		Channel Number	→	**0 - 199**	This parameter is used to lock specific channels when **Child Lock Enable and Channel Lock is On.**
		Channel Lock	→	**On** **Off**	By using this parameter user can Enable or Disable the Channel Lock either by selecting **On** or **Off.**
		Source	→	**TV** **SCART1** **SCART2** **S-Video** **YPbPr** **VGA** **HDMI1** **HDMI2** **HDMI3** **DTV**	This parameter used to lock any input source's when **Child Lock Enable and Source Lock** is **On.**
		Source Lock	→	**On** **Off**	By using this parameter user can lock any source by selecting **On** or **Off.**
Hotel Mode The password is "000000" by default	→	**Change Password**	This feature is used to change the default password (000000) to any user defined Password – please remember this password/ keep a written note in a safe place.		
		Hotel Mode Enable	→	**On** **Off**	By using this parameter user can Enable or Disable the Child Lock either by selecting **On** or **Off.**
		Force Pos	→	**0-199**	This parameter is used to set the channel / program number on which set goes forcefully when switched on from standby or mains supply when Hotel Mode Enable is 'On' & Force Video is set to TV.
		Force Video	→	**TV** **AV** **SCART1** **SCART2** **S-Video** **YPbPr** **VGA** **HDMI1** **HDMI2** **HDMI3** **DTV**	This parameter is used to set the source that is forcefully selected when TV is switched on from standby or mains power supply when **Hotel Mode Enable** is **'On'.**
		Search Disable	→	**On** **Off**	This parameter is used to lock the **SEARCH (tuning)** menu when **Hotel Mode Enable** is **'On'.**
		Max Volume	→	**0 – 100**	When **Hotel Mode Enable** is **'On'**, user can set a maximum volume limit .A viewer can increase the volume up to this level only and no higher. Adjust **Max Volume** parameter to set limit.

Menu Operation

DTV MENU LIST - For Main Menu – (Press DTV MENU)

1. FAVOURITE LISTS					
FAVOURITE LISTS	→	**Create a Favourite List**	→	**Name Channels**	This screen allows you to create a new favourite channels list with selection criteria. The name of the list is set to **"FAV 1/2"** for TV services and **"RFAV 1/2"** for Radio.
		Modify a Favourite List	→	**Radio TV**	This screen allows you to modify a favourite list. The current favourite list name is displayed on the top of the screen. User can modify the channel list by Lock, Skip/Delete, Sort/Move or Skip All/Add All the channels. **NOTE:** Channels deleted from the favourite list will also get deleted from the actual list.
		Delete a Favourite List	→	This screen allows you to delete a complete favourite list.	

2. CONFIGURATION					
Channel Installation	→	**Auto Installation** **Manual Installation**	This screen allows you to install channels with two type : New or Add in Auto and Manual Installation. The Installation can be new one or can be an addition to the current installation.		
User Settings	→	**Info languages** **Audio languages** **Subtitle languages**	→	**English** **Gàidhlig** **Cymraeg**	This screen allows you to customize the TV set. You can set your preferred language (Info, Audio, Subtitle Languages), modify the subtitle display, opacity level and LCN On/Off.
		Subtitle Display	→	**On** **Off**	
		Opacity level	→	**Opaque** **70%-90%**	
		LCN	→	**On** **Off**	
System Parameters	→	**Factory Settings**	This option allows you to erase all DTV parameters – clearing all DTV memory. If it is activated all DTV Channels and user preferences are deleted. DTV will restart for a "First Time Installation".		
		Software Upgrade	The software can be automatically updated with a new release during the standby of the TV set.		
		System Informations	This screen gives you some information about the TV (Device Version and Software Version).		
Signal Information	→	This parameter indicates channel number, channel frequency and quality of signal in terms of Bit Error Rate(BER			
Conditional Access	→	- Insert Card Adapter into CI slot. - CI-CA will be detected and displayed in the "Multi CI-CA List" menu. - Insert the Card then press [Enter] to enter in the Main menu.			

3.PARENTAL CONTROL		
PIN Code The pin code is "0000" by default.		
Parental Control	→	If the Parental Locking is Disabled then all the parental locking features are deactivated. If it is Enable then all the parental locking features are applied according to to your choice.
Receiver Lock	→	If this item is set to YES, each time the TV set turns to running mode, the PIN code has to be input.
Menu Lock	→	This item allows you to protect access to the menu screen and all sub-screens.
Maturity Level	→	You can apply a parental maturity level up to 18 years of age. In this case all services which are over age limit become inaccessible unless the viewer enters the PIN code. This system depends on the information forwarded by the broadcaster.
A press on RED button allows you to modify the PIN code from default ("0000") to any user defined PIN code.		

4. HOTEL MODE		
PIN Code The pin code is "0000" by default.		
Hotel Mode	→	The Hotel Mode sub menu allows you to Enable/ Disable Hotel Mode.
Force Position	→	You can use this feature to force the TV to switch on to a particular DTV Programme number
Not Install	→	This item can enable or disable the channel Install menu.
Change Password	→	This parameter used to change the default password (0000) to any user defined password.

10. Connecting External Equipment to the TV

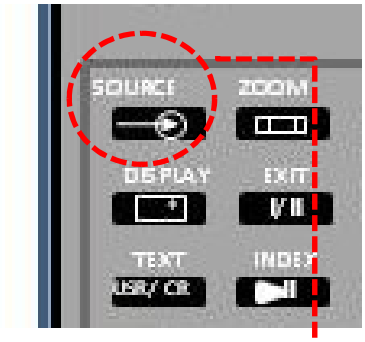
SOURCE INPUT/ CONNECTION PANEL
The sockets on the back of the panel are used when connecting external products to your TV, for example a DVD Player, VCR, Blu Ray Player, PVR, Games Console, Camcorder, Digital Camera and even a PC or Laptop Computer!

Please note, whenever you connect an external device to your TV, make sure that the power on the unit is turned OFF ! Carefully read the instruction manual supplied with the particular product you are connecting to the TV before you start – this should ensure that you connect the device correctly and get the most enjoyment out of it!

Viewing a Connected External Device on the TV – (SOURCE INPUT)
Once the device is correctly fitted to the right connection on the TV, and both the TV and the peripheral unit are powered on you will need to access the Input Source menu and select the input option the device you want to view is connected – to do this....

1. Press the **SOURCE** key on the remote control – fig 1 – the "Source Input" menu appears on screen.
2. Use the **ARROW** up/ down keys to select the **relevant** connection the device you want to view is connected to.
3. Press **ENTER** to confirm
4. The TV screen will now display the signal from the external device.
5. This is the same process to view all devices you connect.
6. *For example if you connected a DVD player to the TV using HDMI 1, press the SOURCE key on the remote control, use the up/ down ARROW keys to highlight HDMI 1 and press the ENTER key to confirm – see fig 3.*
7. **To go back to TV Channels select TV for Analogue Tuner mode and DTV for Digital Tuner mode!**

fig 1



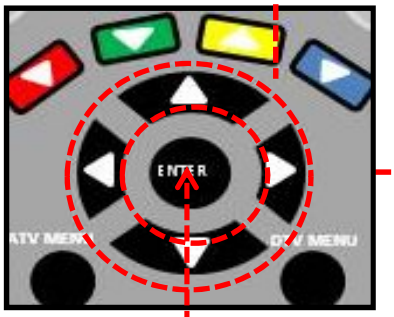


fig 2

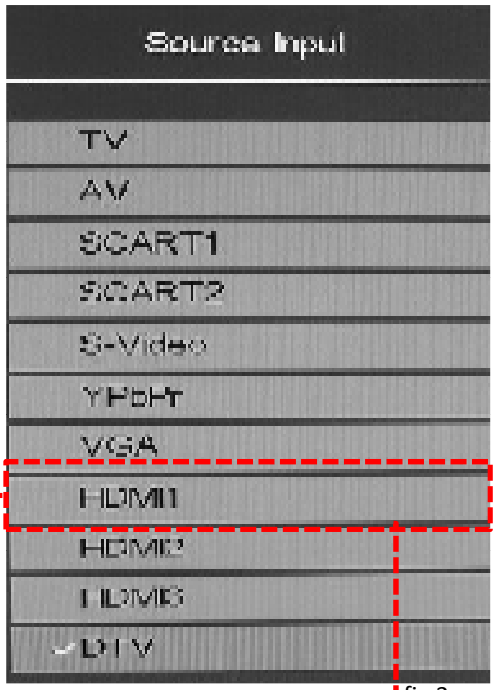
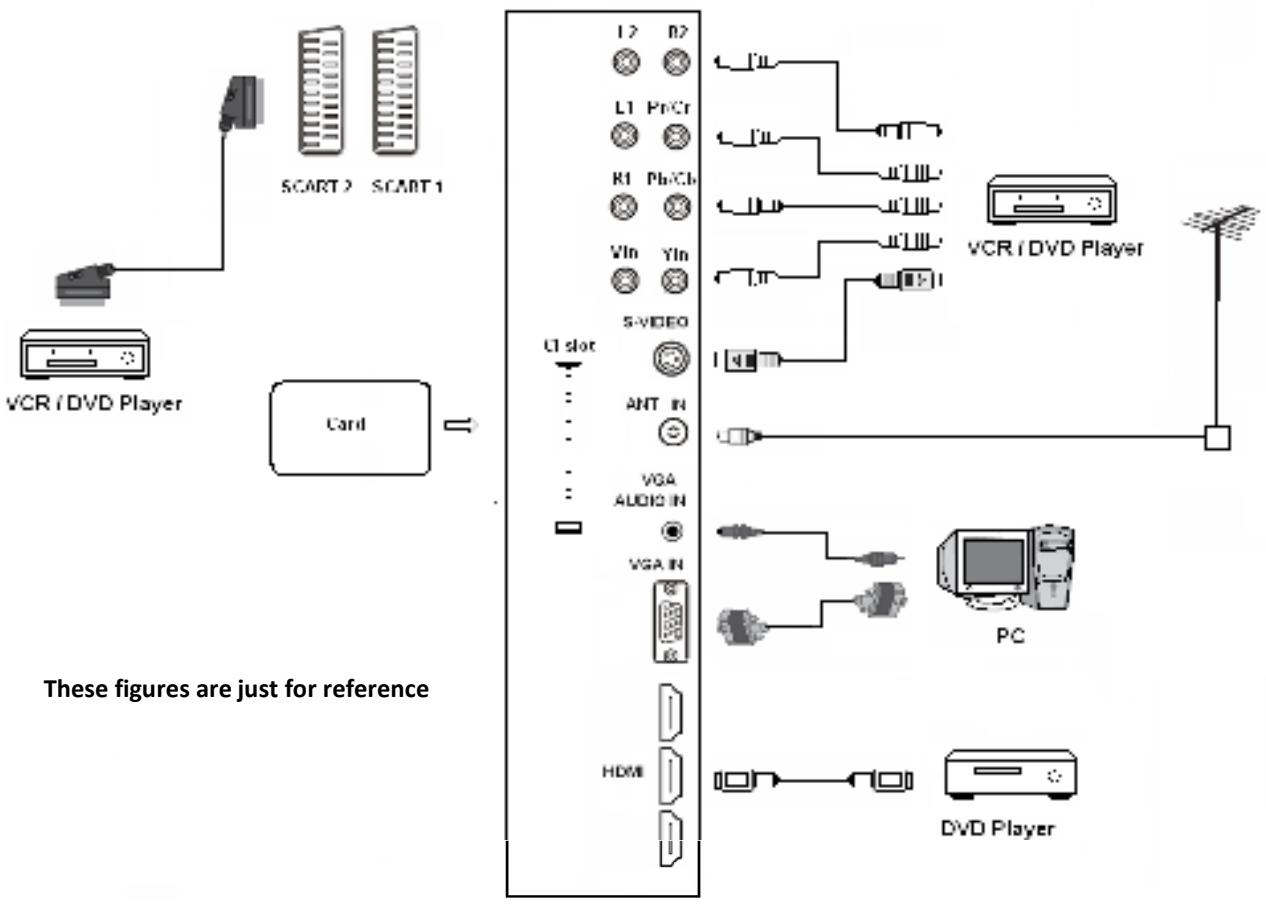


fig 3

(Please note that certain devices connected to the TV via SCART or HDMI connections will automatically switch to the correct input source and be displayed automatically on the TV screen – when the external device is turned on. When the device is turned off the TV will revert back to its original channel setting)

Connecting External Equipment to the TV



These figures are just for reference

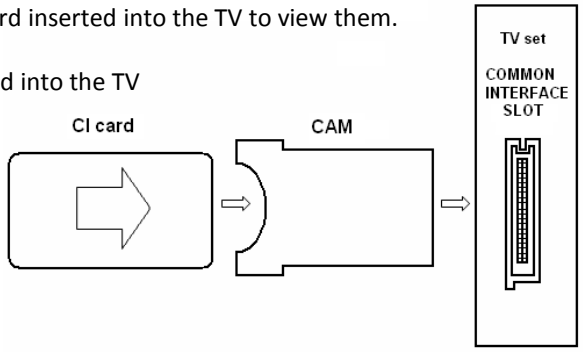
ANT IN :To view television channels correctly, a signal must be received by the set from one of the following sources: An outdoor aerial / A cable television network / A satellite network

COMPONENT IN: Connect component video cables (not supplied) to component connector ("PR", "PB", "Y") on the rear of your set and the other ends to corresponding component video out connectors on the DTV or DVD. The PR, PB and Y connectors on your component devices (DTV or DVD) are sometimes labelled Y, B-Y and R-Y or Y, Cb and Cr.
Connect RCA audio cables (optional) to "R - AUDIO - L" on the rear of your set and the other ends to corresponding audio out connectors on the DTV or DVD.

HDMI IN 1, HDMI IN 2, HDMI IN 3: Supports connections between HDMI-connection-enabled AV devices (Set-Top Boxes, Blu Ray Player, Games Console etc).No additional Audio connection is needed for an HDMI to HDMI connection.

FOR TOP UP TV (PAY TV)
Certain Digital TV Stations will be inaccessible – and a "Scrambled Signal" message is displayed on screen. These channels require you to have a (current/ valid) TOP UP TV card inserted into the TV to view them.

You will need a CI CAM unit (sold separately) to insert a TOP UP card into the TV – see a suitable electrical retailer for more details.



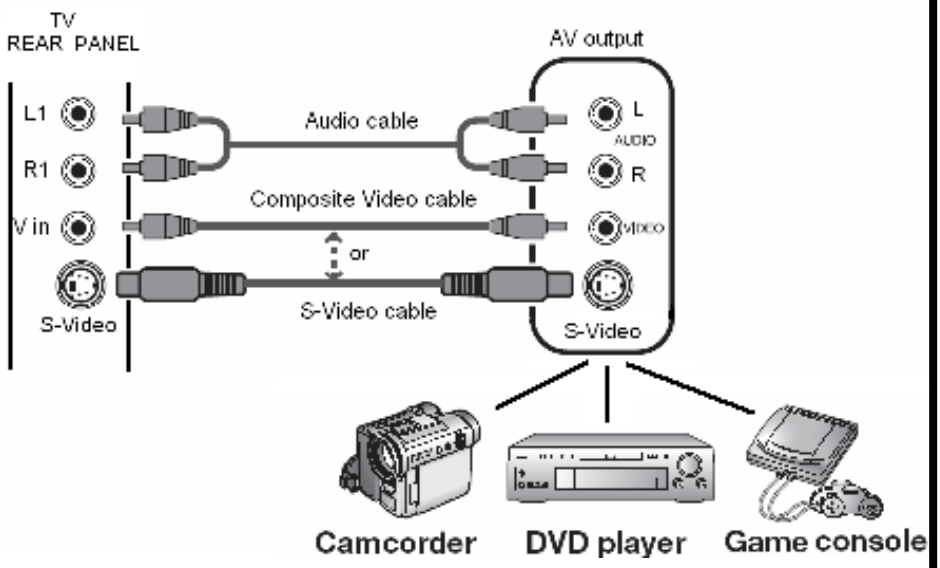
- Insert the TOP UP card into the CI CAM adapter as shown
- Insert the CAM unit into the Common Interface Slot on the TV
- Insert the CAM in the direction of the arrow
- Insert the CAM right up to the end so it is parallel with the slot

You can install the CAM anytime whether the TV is ON or OFF.

Connecting External Equipment to the TV

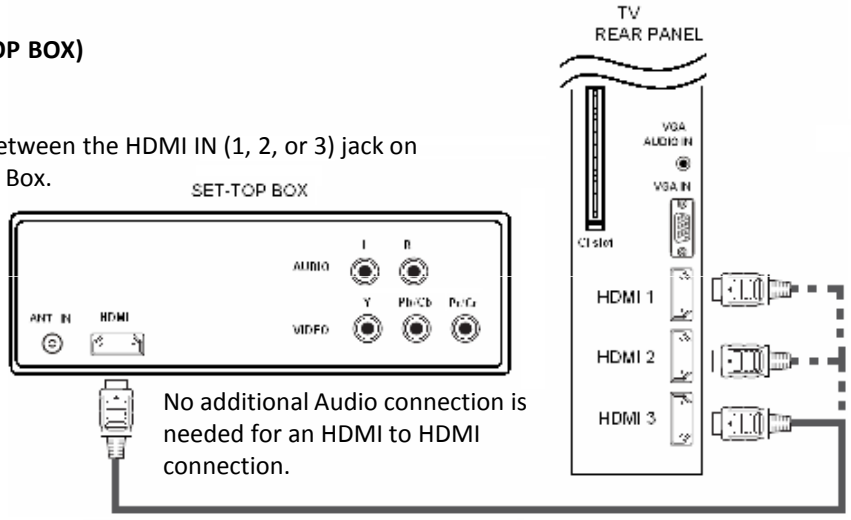
S-VIDEO or VIDEO / R-AUDIO-L
Connect RCA or S-VIDEO cable (not supplied) to an appropriate external A/V device such as VCR, DVD or Camcorder. Connect RCA audio cables (not supplied) to "R-AUDIO-L" on your set and the other ends to corresponding audio out connectors on the A/V device.

AUDIO OUT [R-AUDIO-L]
Connect RCA audio cables (not supplied) to AUDIO OUT [R-AUDIO-L] on the rear of your set and the other ends to corresponding audio in connectors on the Amplifier or DVD Home Theatre.



CABLE BOX/SATELLITE RECEIVER (SET-TOP BOX)

Connecting a Set-Top Box via Hdmi
Connect an HDMI Cable (Not supplied) between the HDMI IN (1, 2, or 3) jack on the TV and the HDMI jack on the Set-Top Box.

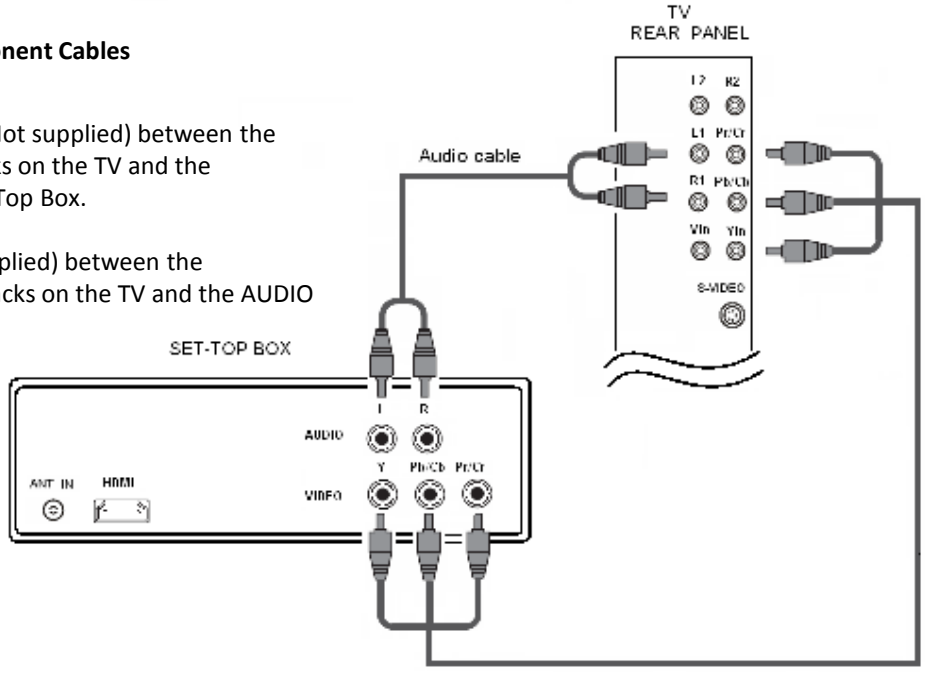


No additional Audio connection is needed for an HDMI to HDMI connection.

Connecting a Set-Top Box via Component Cables

1. Connect a Component Cable (Not supplied) between the COMPONENT IN [Y, P_B, P_R] jacks on the TV and the COMPONENT jacks on the Set-Top Box.

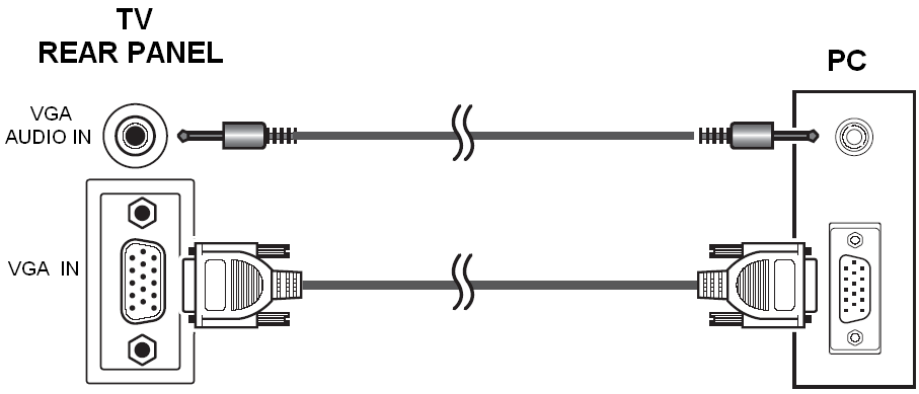
2. Connect Audio Cables (Not supplied) between the COMPONENT IN [R-AUDIO-L] jacks on the TV and the AUDIO OUT jacks on the Set-Top Box.

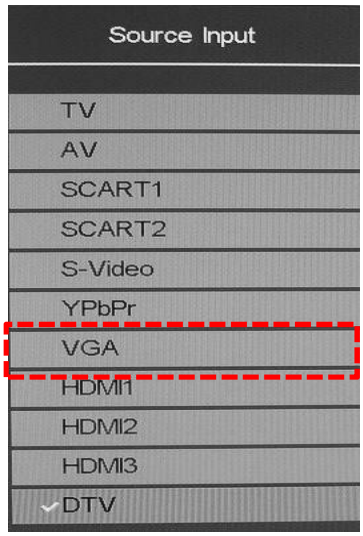


Connecting External Equipment to the TV

PC IN [PC] / [AUDIO]: Connect to the video and audio output jack on your PC or Laptop.

1. Press the SOURCE key on the remote control
2. Use the up/ down ARROE keys to select VGA
3. Press ENTER to display PC





SETTING UP THE TV WITH YOUR PC/ LAPTOP

SCREEN menu is available only for VGA input and deactivated for other input sources.
The actual screens on your PC may be different depending upon your particular version of Windows and your particular video card. Even if your actual screens look different, the same, basic set-up information will apply in almost all cases. (If not, contact your computer manufacturer)

To access Screen menu you must be in VGA Mode – as per above.
Press ATV MENU on the remote – use the right ARROW key to select SCREEN Menu and the down ARROW to access

SCREEN MENU					
H Position	→	**- 5..0..+ 5**			Adjust the PC's screen positioning if it does not fit the TV screen. Press the ▲ or ▼ button to adjusting the Vertical-Position. Press the ◄ or ► button to adjust the Horizontal-Position.
V Position	→	**- 5..0..+ 5**			
Phase	→	**0 ~ 63**			The purpose of phase and clock adjustment is to remove or reduce picture noise. If the noise is not removed by Phase alone, then adjust the frequency as best as possible with clock. After the noise has been reduced, readjust the picture so that it is aligned on the center of screen. Press the ▲ or ▼ button to select "Phase" or "Clock", then press the [ENTER] button. Press the ◄ or ► button to adjust the screen quality.
Clock	→	**- 3..0..+ 3**			
Auto Config	→	**To set**			Auto Config allows the PC screen of set self-adjust to the incoming PC video signal. This automatically sets the H-Position, V-Position, Phase and Clock. If picture is not ok with Auto Config then adjust H-Position, V-Position, Phase and Clock manually to adjust to the desired picture settings.
PIP setup	→	**Option**	→	**ON / OFF**	Select this option to activate/deactivate the PIP function (picture in picture)
				PIP input	You can display a sub picture within the PC main screen. In this way, you can watch the picture of set programme or video input from any connected equipment while PC sceen is active.

12. Disposal Instructions

CORRECT DISPOSAL OF THIS PRODUCT
(Waste Electrical & Electronic Equipment)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life.

To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

This product should not be mixed with other commercial wastes for disposal.

CE

This symbol certifies that the product has been manufactured in compliance with the European Standards.

Helpline Number

0845 293 7697